

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-541 REV. F &
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D205-541 REV. 1
REF. TCCA STC SH96-120, FAA STC SR00696NY & EASA STC EASA.IM.R.S.01242

The Dart D205-541-046 Heli-Utility-Basket is available for installation on the RH side of Bell 205/210/212/214/412 model aircraft as shown in Figure 1 below. The D205-541-048 Heli-Access-Step is not approved for flight at this time.

The D205-541-046 basket should be installed in accordance with the installation procedure for the D205-541-044 basket in Installation Instructions D205-541 Rev. F. The parts list and weight and balance for the D205-541-046 basket is provided in Tables 1 and 2 on sheet 2 of this service instruction.

The D205-541-046 basket should be maintained per Instructions for Continued Airworthiness ICA-D205-541 Rev. 1. The inspection requirements and damage limits for the equivalent components of the D205-541-044 basket are applicable to the D205-541-046 basket.

The aircraft should be operated in accordance with FMS-D205-541, FMS-D214-541 or FMS-D412-541 with the D205-541-046 basket installed.

All parts are common to the D205-541-044 basket except as outlined in Figure 1 below. The D3757-1 blanking plate must remain installed over the openings at the forward and aft ends of the basket as shown in Section A-A of Figure 1 and suitable AN3 hardware must be installed to plug the 4 sets of step mounting holes in the basket ribs as shown in Figure 2.

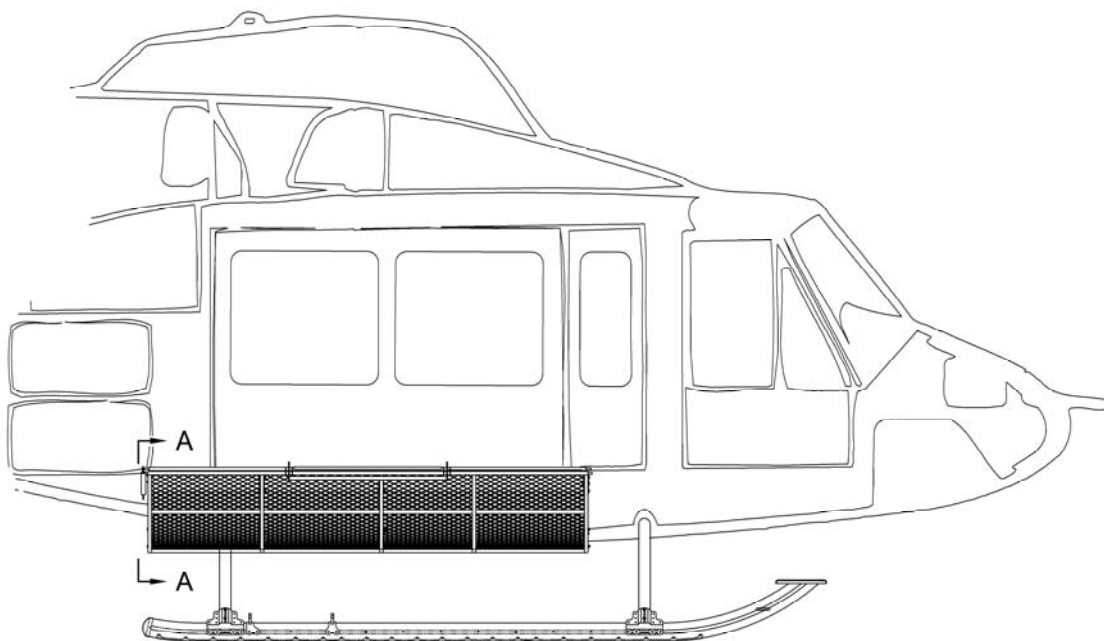


Figure 1. D205-541-046 Heli-Utility-Basket

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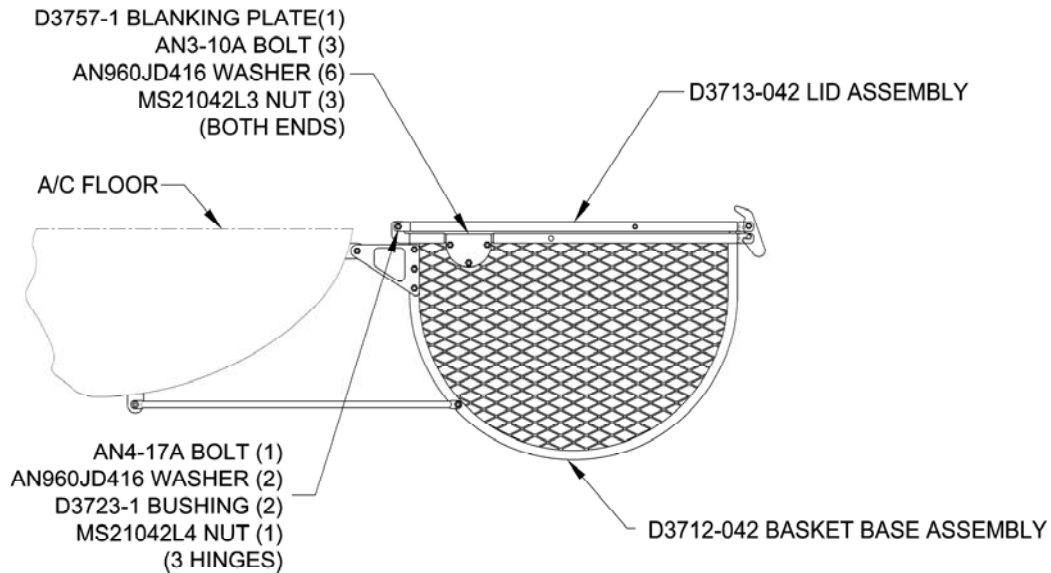
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BY:

D. SHEPHERD (DE # 02)

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A	NEW ISSUE	LE	08.02.19
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DRAWN	LE		
CHECKED	OP	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9404	SHEET 1 OF 3
APPROVED	##	TITLE	SCALE
DE APPR.	##	HELI-UTILITY-BASKET	NTS
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View A-A
(Refer to Figure 1)

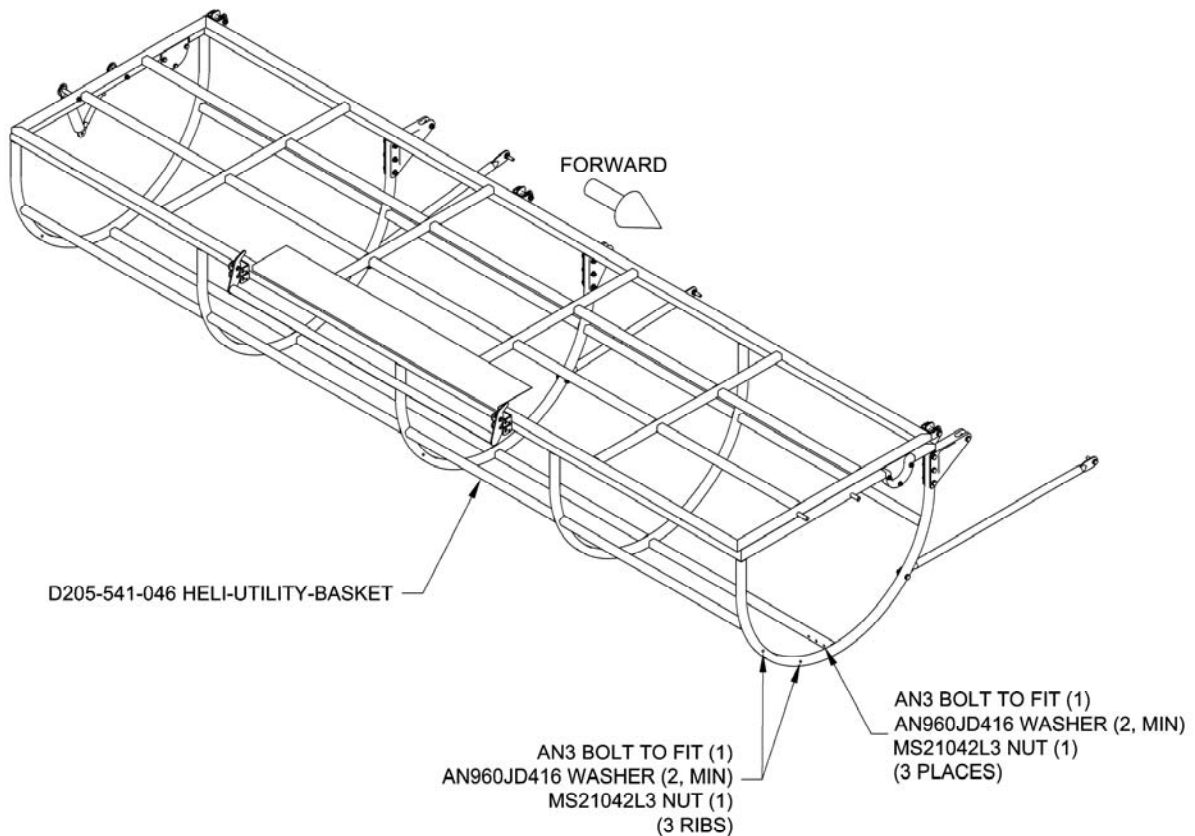


Figure 2. Holes to Plug
(Basket Mesh Not Shown For Clarity)

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Table 1. Parts List for D205-541-046 Heli-Utility-Basket

QTY -046	Part Number	Description
X	D205-541-046	HELI-UTILITY-BASKET™, RH
1	D2199-1	STRUT
1	D2199-23	STRUT
1	D2199-25	STRUT
1	D2258-300	LABEL
1	D2332-041	PROP ASSEMBLY
1	D2498	MOUNTING LUG
1	D2499	MOUNTING LUG
2	D2515	BUSHING
1	D2530	HANDLE ASSEMBLY
2	D2535	SPRING
2	D2537	BUSHING
2	D2931	BUMPER
1	D3052-1	MOUNTING LUG
1	D3712-042	BASKET BASE ASSEMBLY
1	D3713-041	LID ASSEMBLY
6	D3723-1	BUSHING
2	AN3-16A	BOLT
2	AN4-7A	BOLT
3	AN4-12A	BOLT
9	AN4-13A	BOLT
2	AN4-14A	BOLT
3	AN4-17A	BOLT
1	AN4-22A	BOLT
1	AN4-24A	BOLT
1	AN5-7A	BOLT
1	AN5-13A	BOLT
4	AN5-17A	BOLT
35	AN960JD416	WASHER
7	AN960JD516	WASHER
2	AN960JD8	WASHER
4	AN970-4	WASHER
2	MS20600AD4W3	RIVET
2	MS21042L3	NUT (OR MS21042-3)
21	MS21042L4	NUT (OR MS21042-4)
6	MS21042L5	NUT (OR MS21042-5)

Table 2. Weight and Balance of D205-541-046 Heli-Utility-Basket

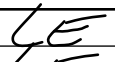
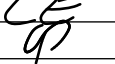
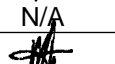
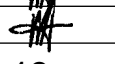

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-541-046 <i>Heli-Utility-Basket™</i>	104 lb 47.2 kg	+ 63.13 in + 1.60 m	+ 6566 in-lb + 75.5 m-kg	132.25 in 3.36 m	13754 in-lb 158.6 m-kg

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